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32-18187: Recombinant Human IL19 Protein, hFc Tag

Uniprot ID : Q9UHD0
Alternative Name : IL-10C; MDA1; NG.1; ZMDA1

Description

Molecular Characterization: IL19(Leu25-Ala177) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 43.9 kDa after removal of the signal peptide. The apparent molecular mass of IL19-hFc is approximately 35-70 kDa due to glycosylation.
Description: Recombinant Human IL19 Protein with C-terminal human Fc tag
The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.